

# Technical Notes

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Contact your Peer Review Organization for further information regarding influenza and pneumococcal claims data and adult immunization promotional activities.

This information is provided as part of the 2000 National Adult Immunization Conference entitled Providers at Work: Opportunities for Success in Adult Immunization.

## General Notes

The symbol “—” indicates that the number of observations is less than 10.

## Vaccination Source

Estimates of the source of vaccination were calculated based on type of Medicare claim and administrative data. Home health agencies were identified as the source of vaccination if the claims were submitted by a certified component to the fiscal intermediary. Vaccination bills submitted to a carrier by non-certified home health agencies, such as for mass immunization clinics, are included as “Public Health/Mass Immunizations.” The category “Skilled Nursing Facility” includes only vaccinations submitted by these facilities. Patients residing in these facilities may have been vaccinated by other types of providers.

Diagnosis codes for hospitalized patients with selected medical conditions are defined by the following ICD-9CM codes:

<i>Coronary Heart Disease:</i>	AMI/Ischemic	410 – 414
	CHF Heart Failure	428
<i>Chronic Lung Disease:</i>	COPD/Asthma	491 – 496
<i>Diabetes (DM):</i>	Diabetes	250 – 250.93
		357.2
		362.01
		362.02
		366.41

*Note:* diabetes includes outpatient, HHA, and physician/supplier (processed by July 1 of the subsequent year) final action claims, in addition to inpatient claims

*Sources:* 1998 HCFA Denominator File; 1998 HCFA Influenza Immunization File; 1991–98 HCFA Standard Analytic Files; 1991–98 National Claims History File; 1998 Medicare Provider Analysis and Review (MedPAR) file.

## Notes to Pneumococcal Data (Tables 1.A – 1.D and Tables 2.A – 2.H)

Tables are based on Medicare beneficiaries continuously enrolled in Part B and not in managed care from January through December of 1998 and alive as of December 31, 1998. Age is calculated as of July 1, 1998. For beneficiaries turning 65 in 1998, their enrollment status is checked from the month of birth through the end of the year. ESRD status as of December 31, 1998 is defined by the Medicare status code.

- Pneumococcal vaccination cumulative rates, reported in Tables 1.A – 1.D, are determined using data from 1991 through 1998. A beneficiary is identified as being vaccinated if there are one or more claims indicating a pneumococcal vaccination during this time period. For beneficiaries with multiple pneumococcal vaccinations, the beneficiary is counted only once when determining vaccination rates.
- The rate of vaccination in 1998, reported in Tables 2.A – 2.H, is calculated by selecting beneficiaries who met the criteria defined above and were not vaccinated 1991 through 1997 and determining if they were vaccinated in 1998.

Hospitalized patients are defined as beneficiaries with one or more hospital stays as reported in the 1998 MedPAR file. Home health patients with nursing care are defined as beneficiaries with one or more home health care claims with a discharge date during 1998, submitted to a fiscal intermediary, and with a revenue center code of 55X.

The following HCPCS codes were used to identify pneumococcal vaccinations: 90732, G0009, and J6065.

## Notes to Influenza Data (Tables 3.A – 3.H)

Tables are based on Medicare beneficiaries enrolled in Part B and not in managed care during October 1998 and alive as of December 31, 1998. Age is calculated as of November 1, 1998. ESRD status as of December 31, 1998 is defined by the Medicare status code. The 1998 HCFA Influenza Immunization File is based on all claims for influenza vaccinations administered from September through December 1998 and processed through March 1998.

Hospitalized patients are defined as beneficiaries with one or more hospital stays from October through December, 1998 as reported in the 1998 MedPAR file. Home health patients with nursing care are defined as beneficiaries with one or more home health care claims with a discharge date from October through December, 1998 and with a revenue center code of 55X.

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